

Figure 2

4 Be 9.0122 Alkaline Earth	5 Li 6.941 Alkali Metal	6 B 10.811 Metalloid	7 C 12.011 Nonmetal	8 N 14.007 Nonmetal	9 O 15.999 Nonmetal	10 F 18.998 Halogens	11 Ne 20.180 Noble Gas	12 Mg 24.305 Alkaline Earth	13 Al 26.982 Poor Metal	14 Si 28.086 Metalloid	15 P 30.974 Nonmetal	16 S 32.06 Nonmetal	17 Cl 35.453 Halogens	18 Ar 39.948 Noble Gas	19 K 39.098 Alkali Metal	20 Ca 40.078 Alkaline Earth	21 Sc 44.956 Transition Metal	22 Ti 47.88 Transition Metal	23 V 50.942 Transition Metal	24 Cr 51.996 Transition Metal	25 Mn 54.938 Transition Metal	26 Fe 55.845 Transition Metal	27 Co 58.933 Transition Metal	28 Ni 58.69 Transition Metal	29 Cu 63.546 Transition Metal	30 Zn 65.38 Transition Metal	31 Ga 69.723 Poor Metal	32 Ge 72.63 Metalloid	33 As 74.922 Metalloid	34 Se 78.96 Nonmetal	35 Br 79.904 Halogens	36 Kr 83.80 Noble Gas	37 Rb 85.468 Alkali Metal	38 Sr 87.62 Alkaline Earth	39 Y 88.906 Transition Metal	40 Zr 91.224 Transition Metal	41 Nb 92.906 Transition Metal	42 Mo 95.94 Transition Metal	43 Tc 98 Transition Metal	44 Ru 101.07 Transition Metal	45 Rh 102.91 Transition Metal	46 Pd 106.42 Transition Metal	47 Ag 107.87 Transition Metal	48 Cd 112.41 Transition Metal	49 In 114.82 Poor Metal	50 Sn 118.71 Poor Metal	51 Sb 121.76 Metalloid	52 Te 127.6 Metalloid	53 I 126.905 Halogens	54 Xe 131.29 Noble Gas	55 Cs 132.905 Alkali Metal	56 Ba 137.33 Alkaline Earth	57 La 138.905 Lanthanide	58 Ce 140.12 Lanthanide	59 Pr 140.908 Lanthanide	60 Nd 144.24 Lanthanide	61 Pm 144.913 Lanthanide	62 Sm 150.36 Lanthanide	63 Eu 151.964 Lanthanide	64 Gd 157.25 Lanthanide	65 Tb 158.925 Lanthanide	66 Dy 162.50 Lanthanide	67 Ho 164.930 Lanthanide	68 Er 167.259 Lanthanide	69 Tm 168.930 Lanthanide	70 Yb 173.054 Lanthanide	71 Lu 174.967 Lanthanide	72 Hf 178.49 Transition Metal	73 Ta 180.948 Transition Metal	74 W 183.84 Transition Metal	75 Re 186.207 Transition Metal	76 Os 190.23 Transition Metal	77 Ir 192.222 Transition Metal	78 Pt 195.084 Transition Metal	79 Au 196.967 Transition Metal	80 Hg 200.59 Transition Metal	81 Tl 204.38 Poor Metal	82 Pb 207.2 Poor Metal	83 Bi 208.98 Poor Metal	84 Po 209 Metalloid	85 At 210 Halogens	86 Rn 222 Noble Gas	87 Fr 223 Alkali Metal	88 Ra 226 Alkaline Earth	89 Ac 227 Actinide	90 Th 232.038 Actinide	91 Pa 231.036 Actinide	92 U 238.029 Actinide	93 Np 237.048 Actinide	94 Pu 244.064 Actinide	95 Am 243.061 Actinide	96 Cm 247.070 Actinide	97 Bk 247.070 Actinide	98 Cf 251.083 Actinide	99 Es 252.083 Actinide	100 Fm 257.103 Actinide	101 Md 258.103 Actinide	102 No 259.108 Actinide	103 Lr 260.105 Actinide	104 105 106 107 108 109 110 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137 138 139 140 141 142 143 144 145 146 147 148 149 150 151 152 153 154 155 156 157 158 159 160 161 162 163 164 165 166 167 168 169 170 171 172 173 174 175 176 177 178 179 180 181 182 183 184 185 186 187 188 189 190 191 192 193 194 195 196 197 198 199 200 201 202 203 204 205 206 207 208 209 210 211 212 213 214 215 216 217 218 219 220 221 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722 723 724 725 726 727 728 729 730 731 732 733 734 735 736 737 738 739 740 741 742 743 744 745 746 747 748 749 750 751 752 753 754 755 756 757 758 759 760 761 762 763 764 765 766 767 768 769 770 771 772 773 774 775 776 777 778 779 780 781 782 783 784 785 786 787 788 789 790 791 792 793 794 795 796 797 798 799 800 801 802 803 804 805 806 807 808 809 810 811 812 813 814 815 816 817 818 819 820 821 822 823 824 825 826 827 828 829 830 831 832 833 834 835 836 837 838 839 840 841 842 843 844 845 846 847 848 849 850 851 852 853 854 855 856 857 858 859 860 861 862 863 864 865 866 867 868 869 870 871 872 873 874 875 876 877 878 879 880 881 882 883 884 885 886 887 888 889 890 891 892 893 894 895 896 897 898 899 900 901 902 903 904 905 906 907 908 909 910 911 912 913 914 915 916 917 918 919 920 921 922 923 924 925 926 927 928 929 930 931 932 933 934 935 936 937 938 939 940 941 942 943 944 945 946 947 948 949 950 951 952 953 954 955 956 957 958 959 960 961 962 963 964 965 966 967 968 969 970 971 972 973 974 975 976 977 978 979 980 981 982 983 984 985 986 987 988 989 990 991 992 993 994 995 996 997 998 999 1000
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Figure 3

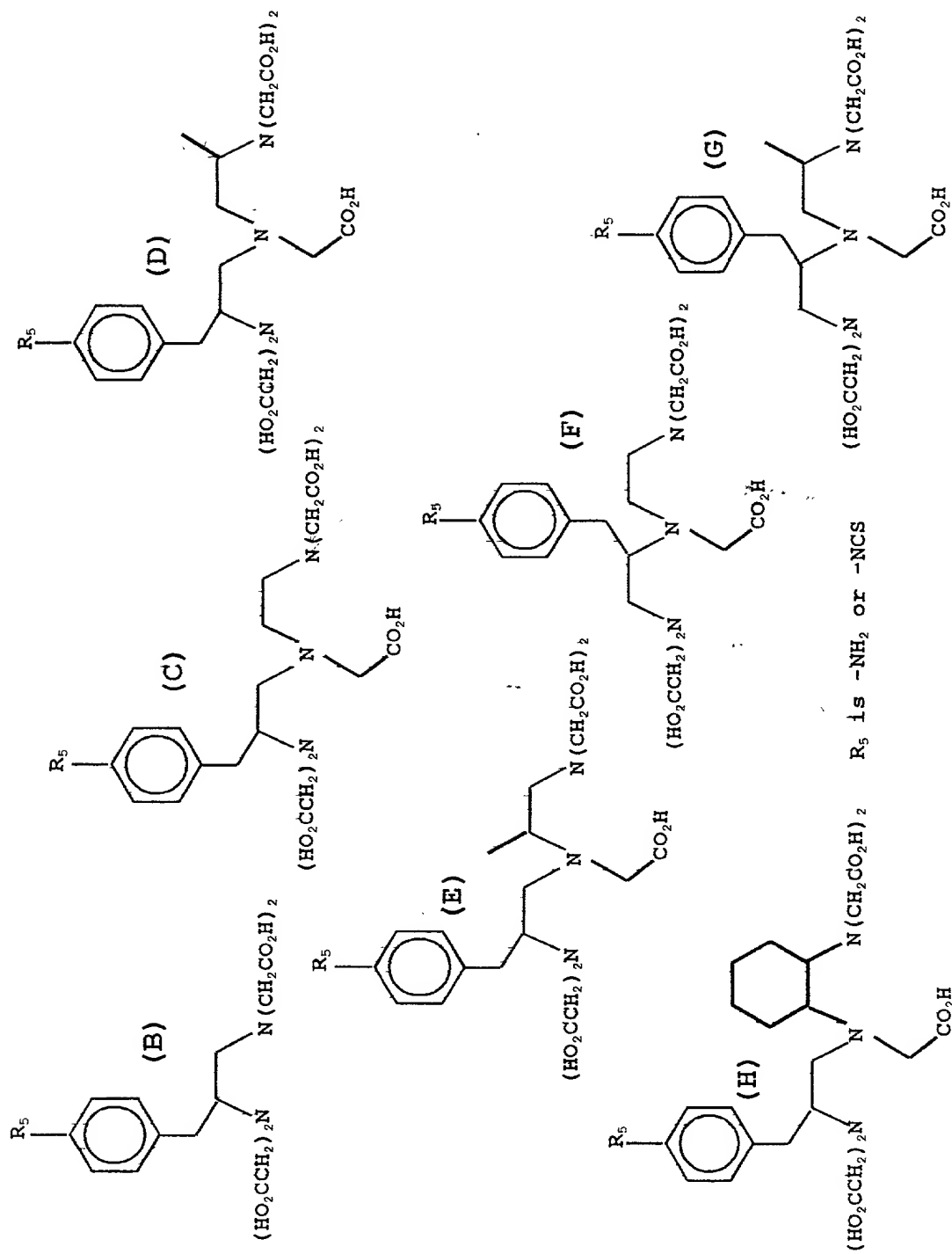


Figure 4

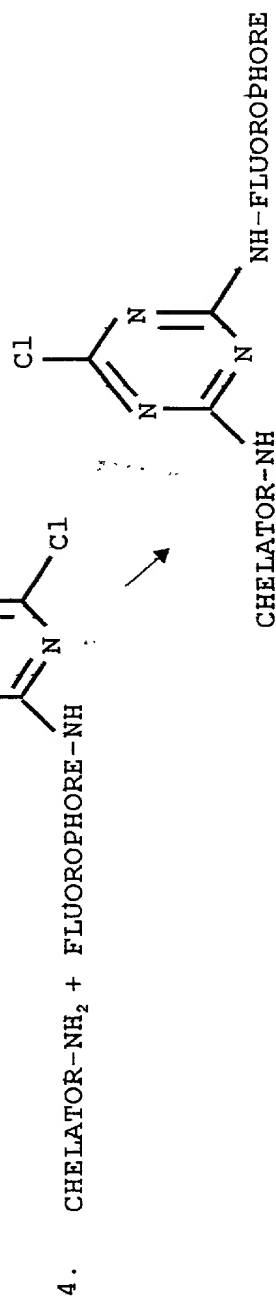
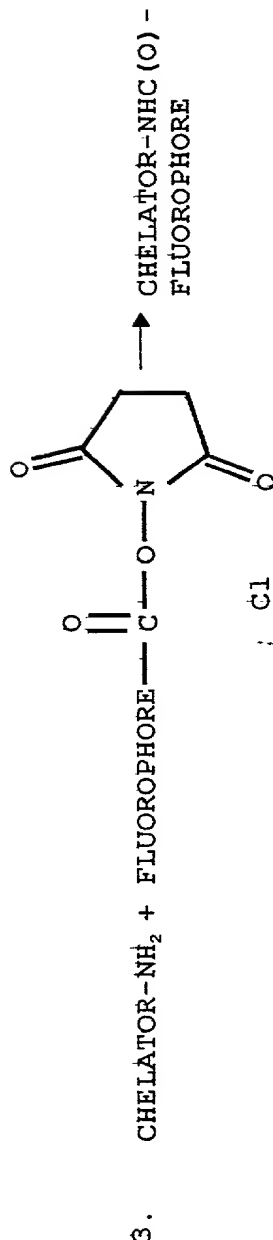
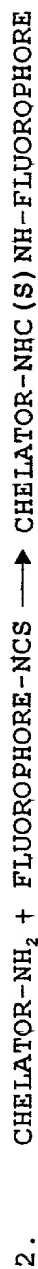
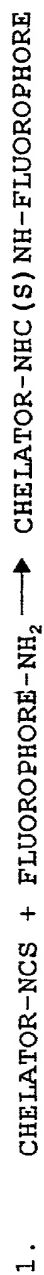


Figure 5

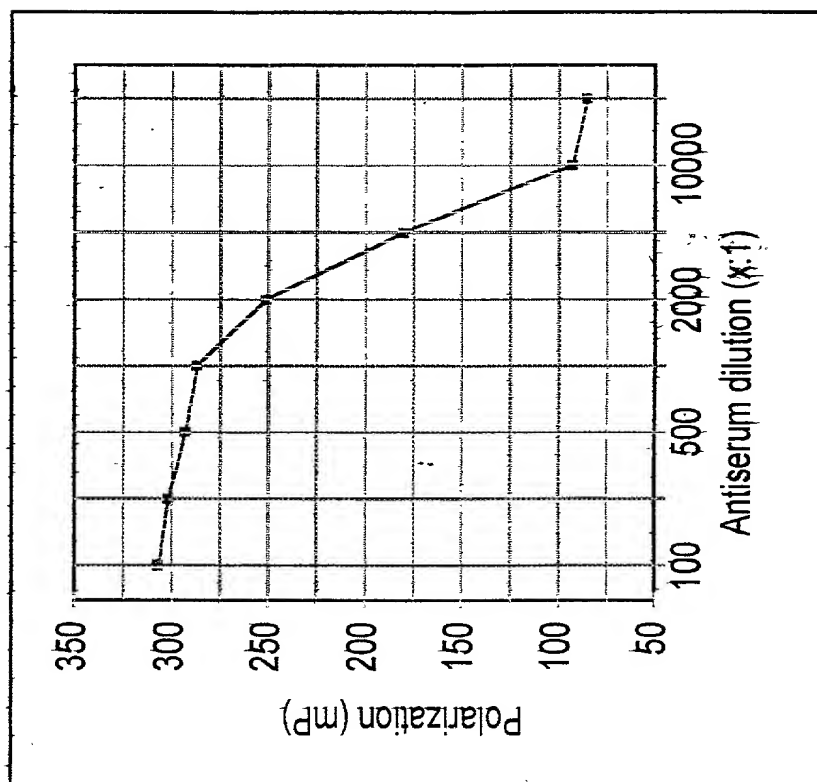


Figure 6

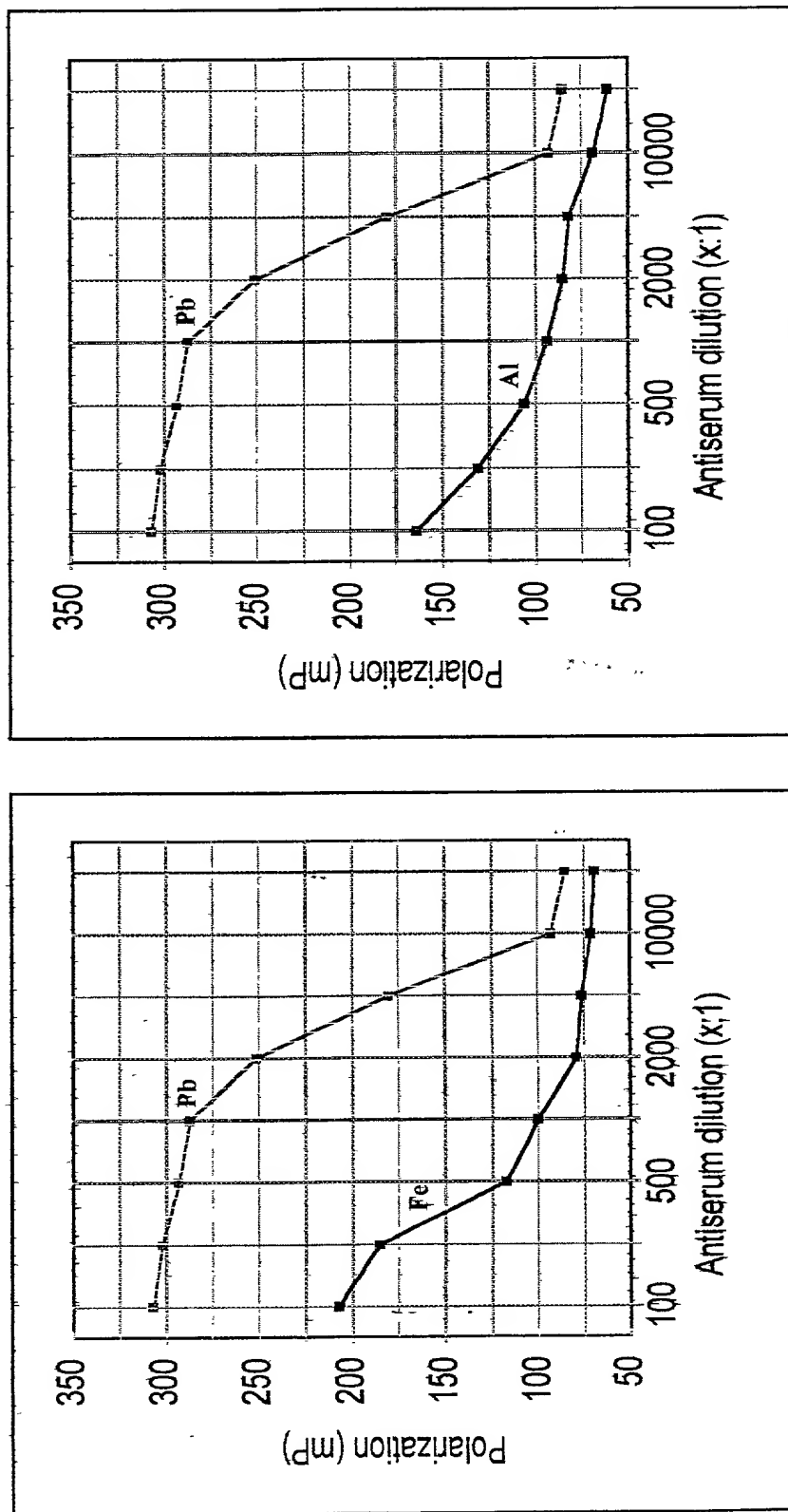


Figure 7

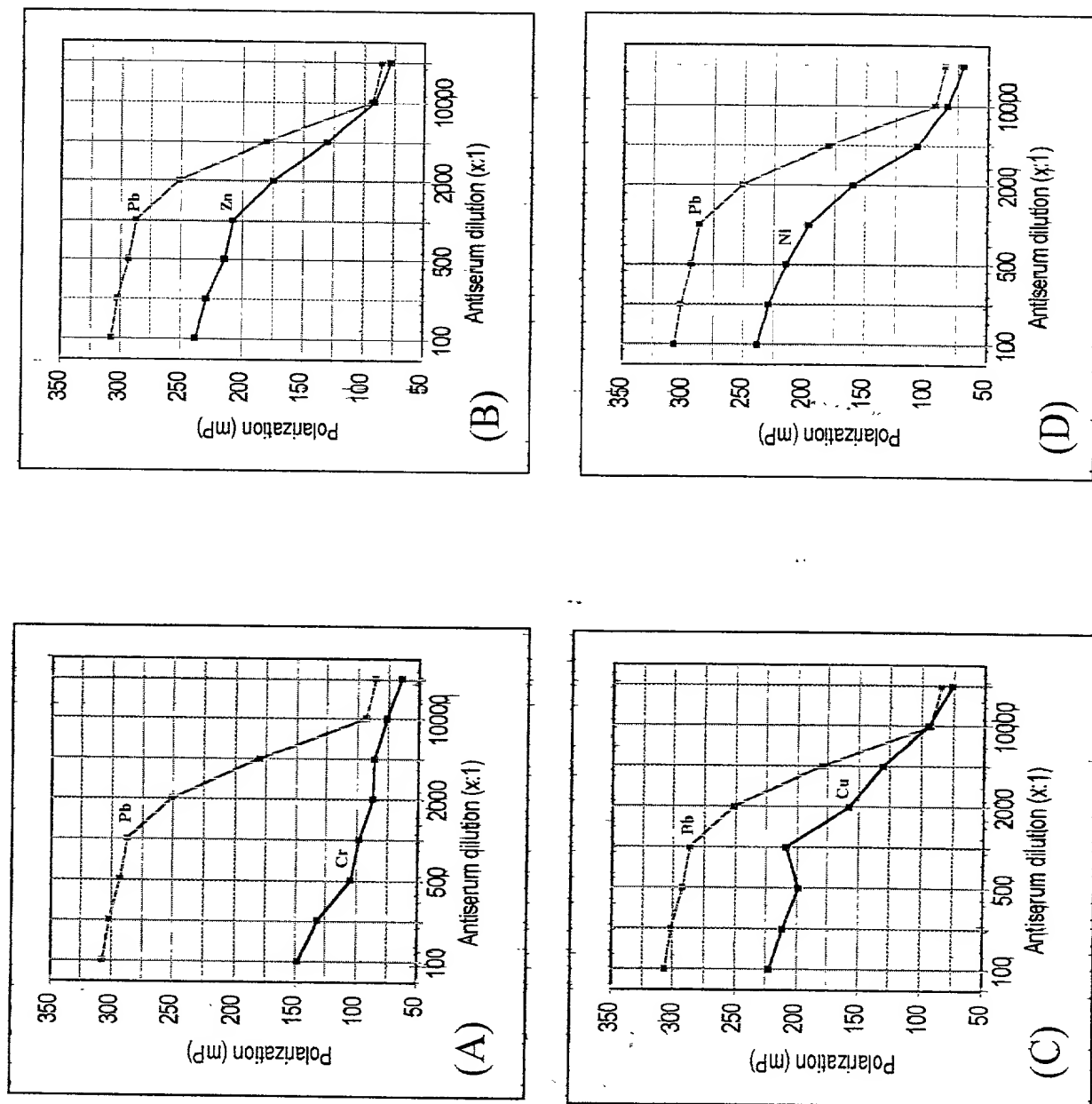


Figure 8.

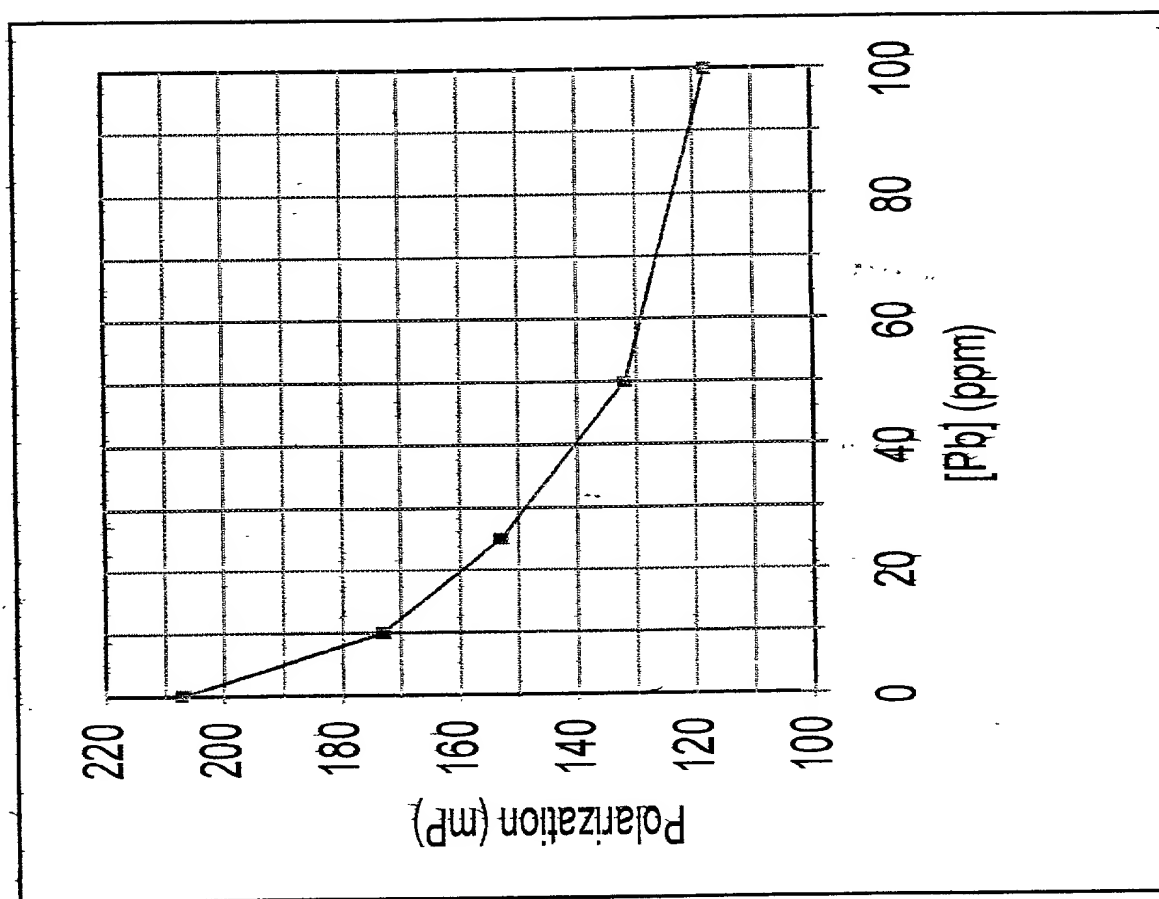


Figure 9

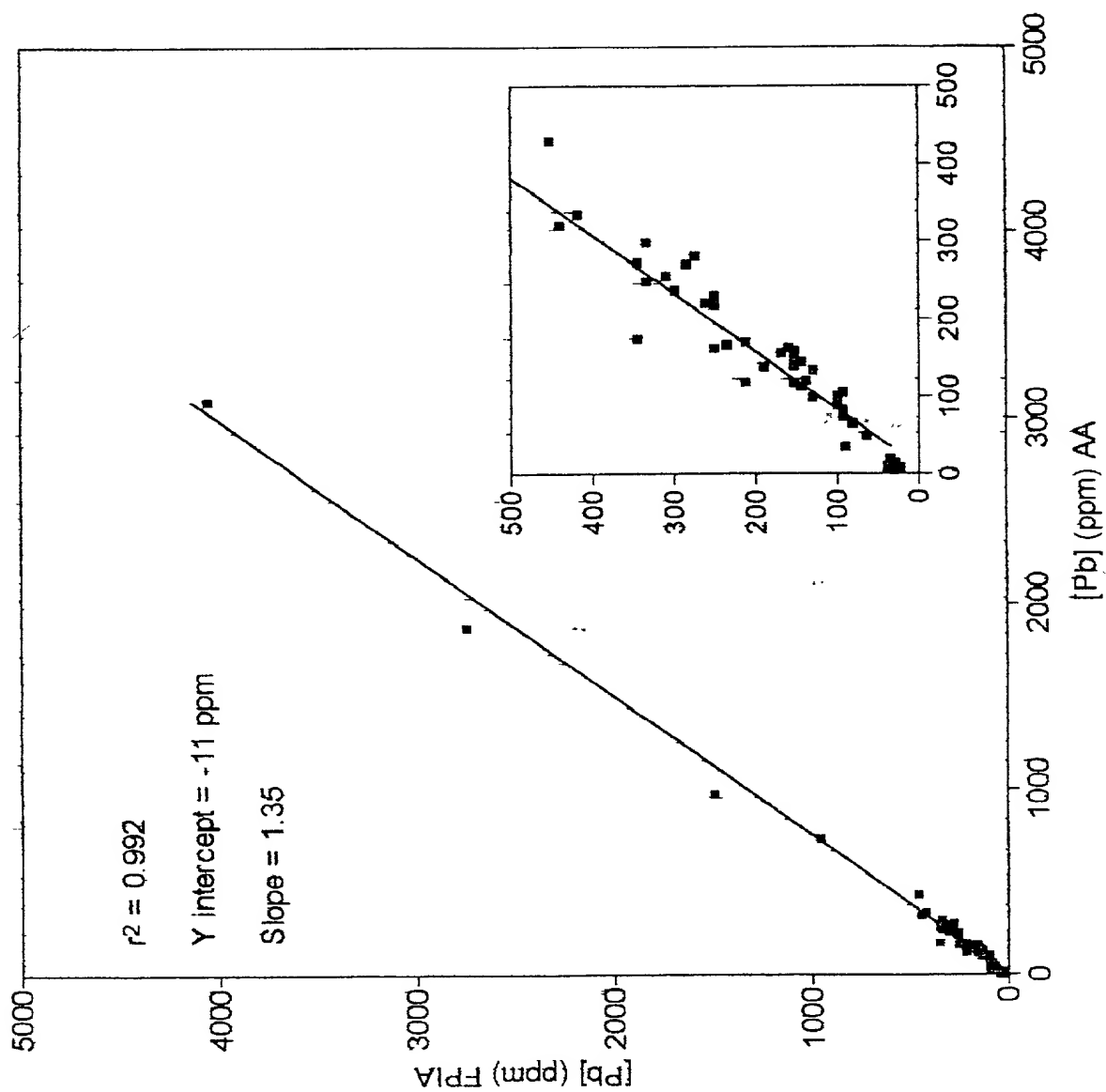


Figure 10

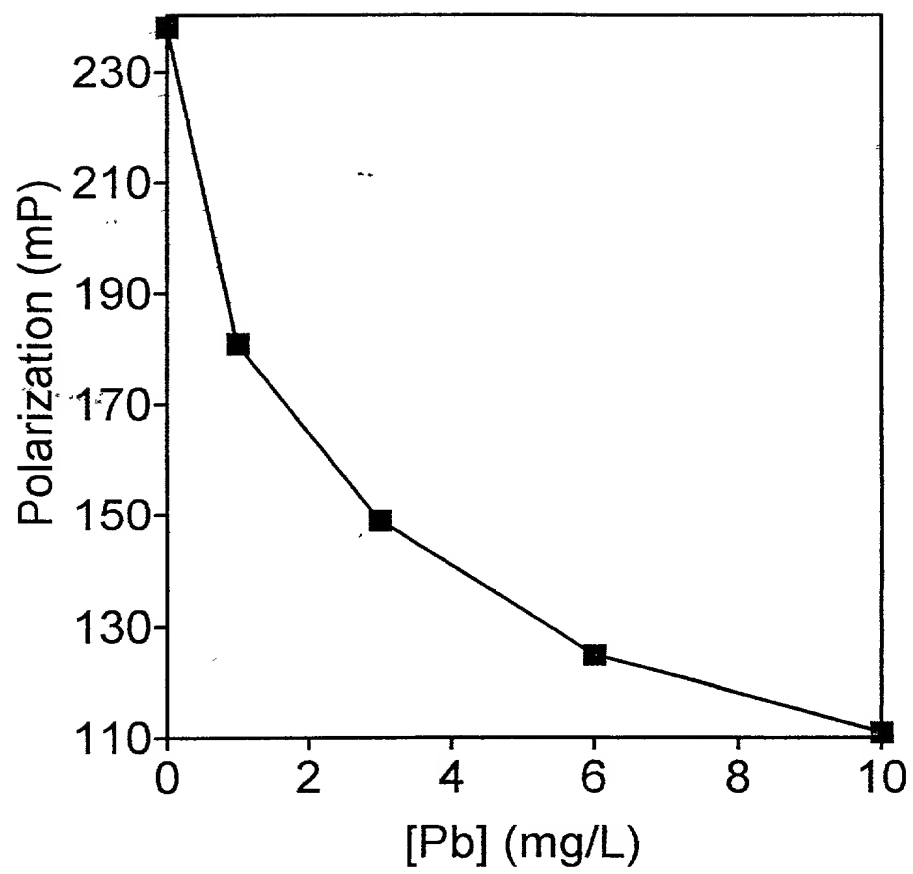


Figure 11

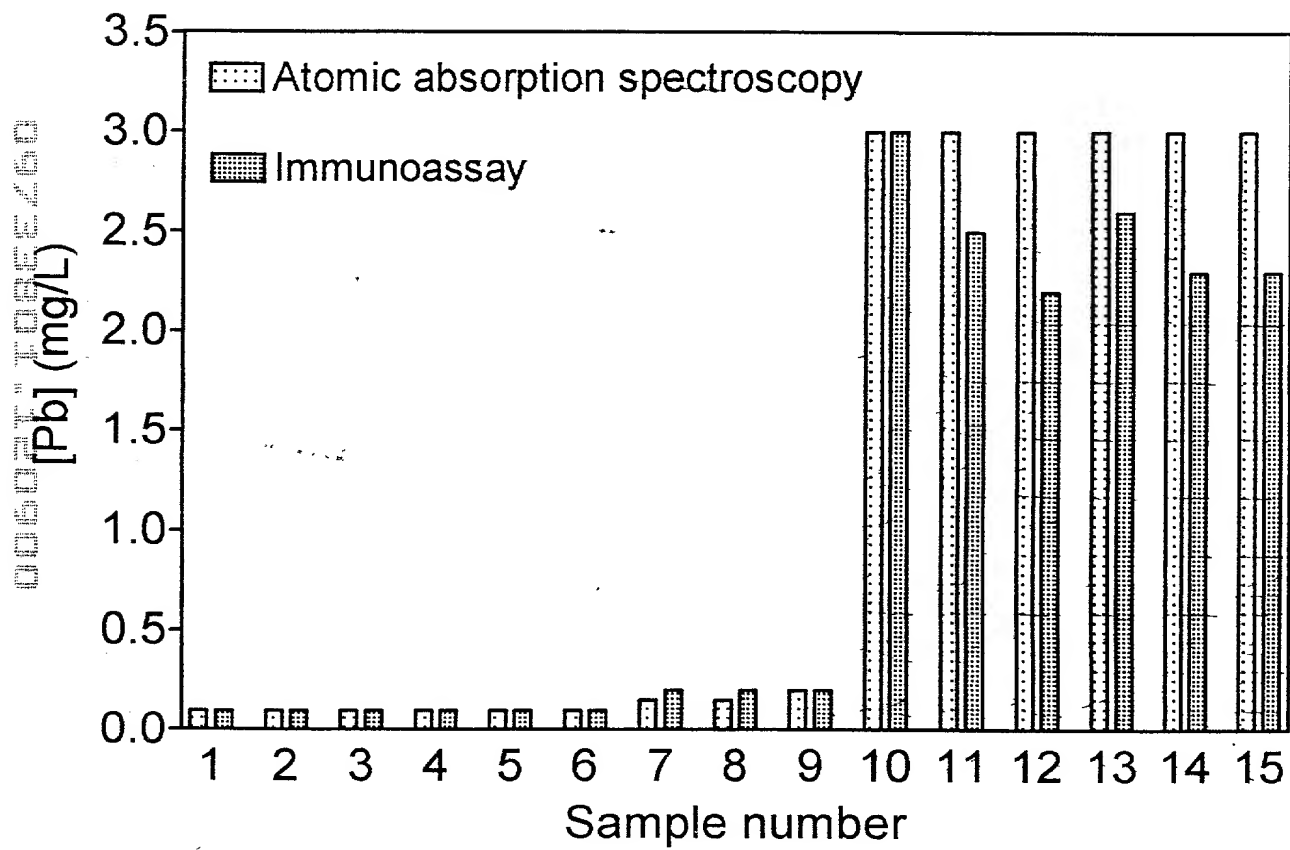


Figure 12

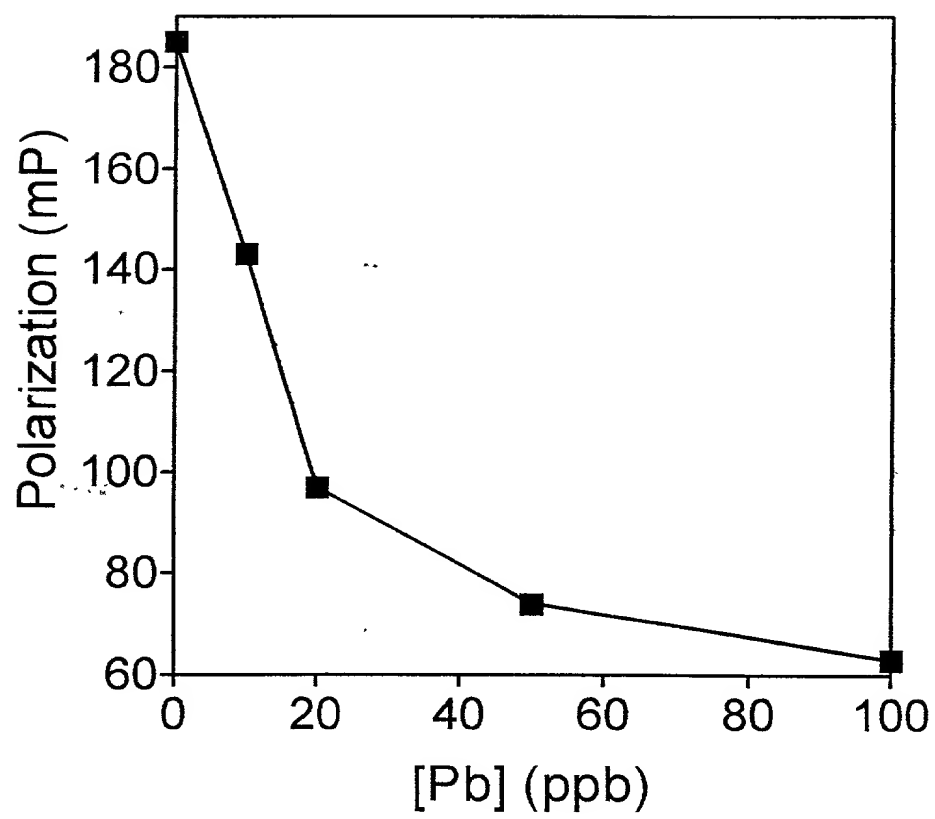


Figure 13

